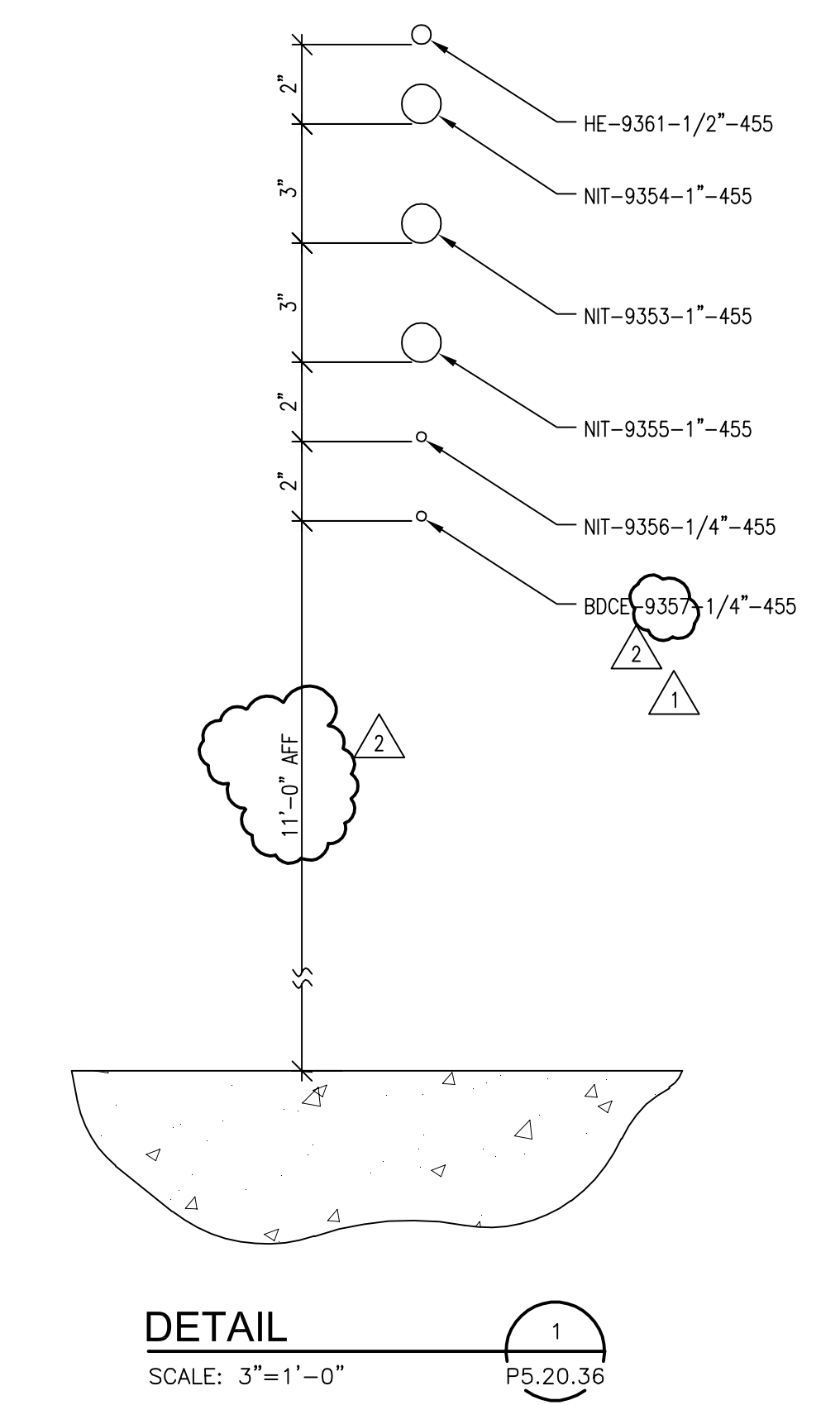
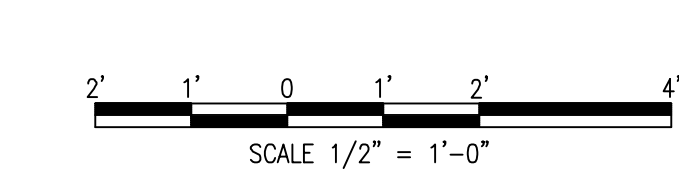


GENERAL NOTES

- 1. ALL HELIUM AND NITROGEN TUBING SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN SPECIFICATION 15455.
- 2. HELIUM AND NITROGEN TUBING TO BE SUPPORTED AT 7'-0" INTERVALS (MAX) USING STAINLESS STEEL UNISTRUT TYPE SUPPORTS AND UNISTRUT SEC U-PINNS. UNISTRUTS SHALL NOT BE ATTACHED TO EXISTING FRAMES.
- 3. WBS 1.8 IS RESPONSIBLE FOR TUBING EMBEDDED IN WALL.
- 4. ALL PIPING, EQUIPMENT AND COMPONENTS SHOWN IN PHANTOM ARE NOT A PART OF THE WBS 1.8 CONTRACT PACKAGE.



SECTION
SCALE: 1/2"=1'-0"



NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDERS ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORMING CONTRACTOR.

NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM

ENGINEERING PROCEDURE SMS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
2	A	3	25	DCN TS-025-5302	JHT	RM																					
1	A	3	17	DCN TS-017-2802	JHT	TP		CLG	8/9/01	JRL	2/13/02		JRL	2/13/02	TP	100946	2/29/02										
0				CERTIFIED FOR CONSTRUCTION-8/30/01	TL	TJ																					

DSN	T.M. LEANZA	08/03/01
DRW	T.M. LEANZA	08/03/01
CHK	T. JERGINAN	08/03/01
DEPT		
PE	C.L. GARREN	9/01
PJ	R.A. DEAN	9/01
REQ		
UTB	J.R. LAWSON	8/7/01

Knight Jacobs Joint Venture
701 Scoboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400

Sverdrup Technology, Inc.
Tullahoma, TN 37388

UT-BATTELLE

PROJECT NAME:

SPALLATION NEUTRON SOURCE

RING INJECTION BUILDING

HELIUM/NITROGEN SYSTEM

SECTIONS & DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	P	X	X	8	8520		1	1	S	U
51	NC	52	NA	53	WBS					
					108031000					

P5.20.36

REV 2